

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

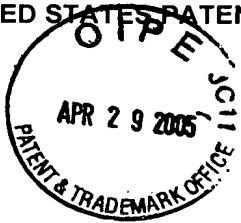
In re Patent Application of

Otto Z. Zhou et al.

Application No.: 10/803,639

Filing Date: March 18, 2004

Title: METHODS AND APPARATUS FOR PATTERNED DEPOSITION OF  
NANOSTRUCTURE-CONTAINING



Group Art Unit: 2818

Examiner: Dung Anh Le

Confirmation No.: 5336

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☒ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

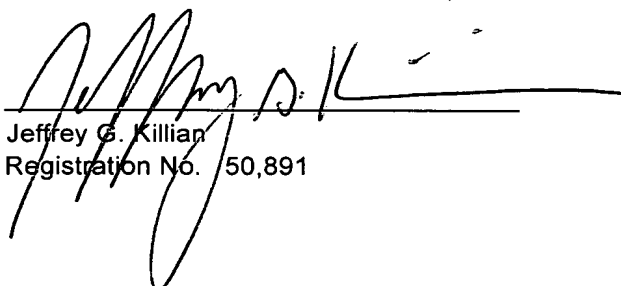
The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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By

  
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Date: April 29, 2005

For: METHODS AND APPARATUS FOR  
PATTERNED DEPOSITION OF  
NANOSTRUCTURE-CONTAINING



Confirmation No.: 5336

(8/04)

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

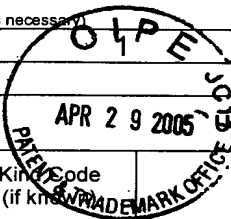
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of

**Complete if Known**

Application Number	10/803,639
Filing Date	March 18, 2004
First Named Inventor	Otto Z. Zhou et al.
Examiner Name	Dung Anh Le
Attorney Docket Number	032566-057

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	R. STEVENS et al., "Improved fabrication approach for carbon nanotube probe devices", <i>Appl. Phys. Lett.</i> , Vol. 77, No. 21, November 20, 2000, pp. 3453-3455.
	J. HAFNER et al., "Growth of nanotubes for probe microscopy tips", <i>Nature</i> , Vol. 398, April 29, 1999, pp. 761-762.
	H. DAI et al., "Nanotubes as nanoprobe in scanning probe microscopy", <i>Nature</i> , Vol. 384, November 14, 1996, pp. 147-150.
	BOWER et al., U.S. Patent Application No. 09/351,537 filed July 1, 1999 entitled "Device Comprising Thin Film Carbon Nanotube Electron Field Emitter Structure".

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.